

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) One or more computer-storage media, having computer-usable instructions embodied thereon for performing a method of printing one or more cable-label records on a printing device, the method comprising:

receiving cable-description information from a remote user identifying at least one cable;

capturing the cable-description information as the one or more cable-label records;

automatically validating the one or more cable-label records against a predefined format to remove processing errors, wherein upon recognizing the processing errors, a feedback mechanism offers assistive input and flags the processing errors;

dynamically updating a listing of cable-label records utilizing the validated one or more cable-label records;

receiving search criteria for one or more cable-label records, wherein ~~said the one or more cable-label records were previously stored in a storage component, wherein said cable label records were automatically validated against a predefined format to remove processing errors when stored, wherein upon recognizing the errors, a feedback mechanism offers assistive input and flags the errors;~~

automatically identifying the one or more cable-label records in said storage component corresponding to the search criteria;

incident to receiving the search criteria for the one or more cable-label records, generating a cable-label file for-by reformatting the one or more identified cable-label records of the listing of the listing of cable-label records, wherein the cable-label file is structured to promote manual manipulation of content therein; and

automatically providing a data stream that when rendered by the printing device produces printed cable-label records wherein the printed cable-label records display the content of the identified records-the generated cable-label file in a prescribed format.

2. (Original) The media of claim 1, wherein the search criteria include at least:

a first search parameter; and
a second search parameter.

3. (Previously Presented) The media of claim 2, wherein the cable-label records include content that is to be displayed on the printed cable-label records.

4. (Previously Presented) The media of claim 3, wherein said content includes a plurality of identifiers indicating one of: a cable type, a number of runs, a racks description, racks location information, an equipment description, an equipment designation, a termination type and/or a textual note.

5. (Original) The media of claim 3, wherein identifying one or more records comprises assembling a query from the first and second search parameters.

6. (Original) The media of claim 5, wherein identifying one or more records further includes searching the storage component against the assembled query for records matching the search criteria and returning the matching records.

7. (Original) The media of claim 5, wherein the data stream includes an output file.

8. (Previously Presented) The media of claim 1, wherein the prescribed format includes at least one selection from the following:

- a binary file;
- an ASCII file; and
- a text file, including a delimiter.

9. (Currently Amended) A method for ~~printing a cable-label file on a web page records on a printing device~~, comprising:

receiving cable-description information from a remote user identifying at least one cable;

creating one or more cable-label records from the cable-description information to be stored in a storage component, ~~wherein the one or more cable-label records are automatically validated against a predefined format to remove errors associated with the one or more cable-label records, wherein upon~~

~~recognizing the errors, a feedback mechanism offers assistive input and flags the errors;~~

automatically validating the one or more cable-label records against a predefined format to remove processing errors, wherein upon recognizing the processing errors, a feedback mechanism offers assistive input and flags the processing errors;

dynamically updating a listing of cable-label records utilizing the validated cable-label records;

receiving search criteria for retrieving one or more the cable-label records;

automatically identifying at least one the one or more cable-label records
in the storage component corresponding to the search criteria;

incident to receiving search criteria for retrieving one or more the cable-label records, generating a cable-label file with the at least one record by reformatting the one or more identified cable-label records of the listing of the listing of cable-label records, wherein the cable-label file is structured to promote manual manipulation of content therein; and

~~providing a data stream that when rendered by the printing device produces cable-label records displaying content of the identified record(s) in a prescribed format~~

rendering the content of the generated cable-label file in a prescribed format on a web page that is accessible to the remote user.

10. (Original) The method of claim 9, wherein creating the cable-label records comprise receiving indicia related to one or more cable-label records and storing the indicia in the storage component.

11. (Previously Presented) The method of claim 9, wherein said indicia includes a plurality of fields indicating one of: a cable type, a number of runs, a racks description, racks location information, an equipment description, an equipment designation, a termination type and/or a textual note.

12. (Original) The method of claim 11, wherein the search criteria includes:
a first search parameter; and
a second search parameter.

13. (Original) The method of claim 12, wherein identifying one or more cable-label records comprises assembling a query from the first and second search parameters.

14. (Original) The method of claim 13, wherein identifying one or more records further includes searching the storage component against the assembled query for records matching the search criteria and returning the matching records.

15. (Currently Amended) One or more computer-storage media for executing computer-usable instructions for printing cable-label records, the ~~computer system~~ media comprising:

a user interface component operationally coupled to a storage component for receiving a search string to query the storage component for one or more records;

a first cable-label records module that automatically validates one or more records against a predefined format to remove processing errors when the one or more records are stored, wherein upon recognizing the processing errors, a feedback mechanism offers assistive input and flags the processing errors; ~~and~~

a second cable-label records module that receives the query result and, incident to receiving the search string to query the storage component, converts the result into a cable-label file having a prescribed format whereby content of the query result ~~cable-label file~~ can be rendered on a printing device, wherein the cable-label file is structured to promote manual manipulation of content therein; and

the printing device that prints the cable-label file, wherein the printed cable-label file is a cable label that includes the content of the converted cable-label file in the prescribed format.

16. (Previously Presented) The media of claim 15, wherein the prescribed format includes at least one selection from the following:

- an ASCII file; and
- a delimited text file.

17. (Previously Presented) The media of claim 16, wherein the query result comprises all cable-label records that match the search criteria.

18. (Currently Amended) A method of creating cable-label records record, comprising

storing a set of data related to ~~an information related to~~ a cable in one or more computer-readable media;

generating a cable-label records record in a structured format from the set of data;

automatically validating the set of data against a predefined format to remove processing errors associated with the information related to the cable, wherein upon recognizing the processing errors, a feedback mechanism offers assistive input and flags the processing errors; ~~and~~

storing the cable-label records record in one or more computer-readable media for subsequent recall;

receiving search criteria for the cable-label records record;

incident to receiving the search criteria, generating a cable-label file by reformatting the cable-label records record, wherein the cable-label file is structured to promote manual manipulation of content therein; and

providing for printing the cable-label file, wherein the printed cable-label file is a cable label that includes the content of the generated cable-label file in a prescribed format.